

**IN THE CLAIMS:**

- 1 1. (Currently Amended) A method for testing a network protocol comprising:  
2 executing communication between a plurality of devices using said network  
3 protocol;  
4 receiving a command comprising code to modify one of a plurality of protocols in  
5 a protocol stack of said network protocol; and  
6 performing said modification on said one of said plurality of protocols in said  
7 protocol stack.
- 1 2. (Original) The method of claim 1 wherein said command is received in interpreted  
2 code.
- 1 3. (Original) The method of claim 1 further comprising:  
2 determining said one of said plurality of protocols in said stack to modify responsive  
3 to receiving said command.
- 1 4. (Original) The method of claim 1 further comprising:  
2 determining whether said command is adding a message to said one of said plurality  
3 of protocols; and  
4 adding said message to said one of said plurality of protocols.
- 1 5. (Original) The method of claim 1 further comprising:

2 determining whether said command is to remove a message from said one of said  
3 plurality of protocols; and  
4 removing said message from said protocol.

1 6. (Original) The method of claim 1 further comprising:  
2 determining whether said command is to modify an existing message in said one of  
3 said plurality of protocols;  
4 removing said existing message from said one of said plurality of protocols; and  
5 adding a new message to said one of said plurality of protocols including said  
6 existing message with modifications in said command.

1 7. (Original) The method of claim 1 further comprising:  
2 determining whether said command is to modify a state machine of said protocol;  
3 and  
4 modifying said state machine of said one of said plurality of protocols responsive to  
5 said command.

1 8. (Currently Amended) An apparatus for testing a network protocol comprising:  
2 means for executing communication between a plurality of devices using said  
3 network protocol;  
4 | means for receiving a command comprising code to modify one a plurality of  
5 protocols in a protocol stack of said network protocol; and  
6 means for performing said modification on said one of said plurality of protocols in

7           said protocol stack.

1    9. (Original) The apparatus of claim 8 wherein said command is received in  
2    interpreted code.

1    10. (Original) The apparatus of claim 8 further comprising:  
2    means for determining said one of said plurality of protocols in said stack to modify  
3       responsive to receiving said command.

1    11. (Original) The apparatus of claim 8 further comprising:  
2    means for determining whether said command is adding a message to said one of  
3       said plurality of protocols;  
4    means for adding said message to said one of said plurality of protocols.

1    12. (Original) The apparatus of claim 8 further comprising:  
2    means for determining whether said command is to remove a message from said one  
3       of said plurality of protocols; and  
4    means for removing said message from said protocol.

1    13. (Original) The apparatus of claim 8 further comprising:  
2    means for determining whether said command is to modify an existing message in  
3       said one of said plurality of protocols;  
4    means for removing said existing message from said one of said plurality of

5 protocols; and  
6 means for adding a new message to said one of said plurality of protocols including  
7 said existing message with modifications in said command.

1 14. (Original) The apparatus of claim 8 further comprising:  
2 means for determining whether said command is to modify a state machine of said  
3 protocol; and  
4 means for modifying said state machine of said one of said plurality of protocols  
5 responsive to said command.

1 15. (Currently Amended) A computer readable medium carrying one or more  
2 instructions for testing a network protocol, the one more instructions including  
3 instructions which executed by one or more processors, cause the one or more  
4 processors to perform the method comprising:  
5 executing communication between a plurality of devices using said network  
6 protocol;  
7 receiving a command comprising code to modify one of a plurality of protocols in a  
8 protocol stack of said network protocol; and  
9 performing said modification on said one of said plurality of protocols in said  
10 protocol stack.

1 16. (Original) The medium of claim 15 wherein said command is received in  
2 interpreted code.

1 17. (Original) The medium of claim 15 wherein said method further comprises:  
2 determining said one of said plurality of protocols in said stack to modify responsive  
3 to receiving said command.

1 18. (Original) The medium of claim 15 wherein said method further comprises:  
2 determining whether said command is adding a message to said one of said plurality  
3 of protocols;  
4 adding said message to said one of said plurality of protocols.

1 19. (Original) The medium of claim 15 wherein said method further comprises:  
2 determining whether said command is to remove a message from said one of said  
3 plurality of protocols; and  
4 removing said message from said protocol.

1 20. (Original) The medium of claim 15 wherein said method further comprises:  
2 determining whether said command is to modify an existing message in said one of  
3 said plurality of protocols;  
4 removing said existing message from said one of said plurality of protocols; and  
5 adding a new message to said one of said plurality of protocols including said  
6 existing message with modifications in said command.

1 21. (Original) The medium of claim 15 wherein said method further comprises:  
2 determining whether said command is to modify a state machine of said protocol;

3           and  
4   modifying said state machine of said one of said plurality of protocols responsive to  
5           said command.

1   22. (Currently Amended) An apparatus for testing a network protocol comprising:  
2   circuitry configured to execute communication between a plurality of devices using  
3           said network protocol;  
4   circuitry configured to receive a command comprising code to modify one of a  
5           plurality of protocols in a protocol stack of said network protocol; and  
6   circuitry configured to perform said modification on said one of said plurality of  
7           protocols in said protocol stack.

1   23. (Original) The apparatus of claim 22 wherein said command is received in  
2   interpreted code.

1   24. (Original) The apparatus of claim 22 further comprising:  
2   circuitry configured to determine said one of said plurality of protocols in said stack  
3           to modify responsive to receiving said command.

1   25. (Original) The apparatus of claim 22 further comprising:  
2   circuitry configured to determine whether said command is adding a message to said  
3           one of said plurality of protocols; and  
4   circuitry configured to add said message to said one of said plurality of protocols.

1 26. (Original) The apparatus of claim 22 further comprising:  
2 circuitry configured to determine whether said command is to remove a message  
3 from said one of said plurality of protocols; and  
4 circuitry configured to remove said message from said protocol.

1 27. (Original) The apparatus of claim 22 further comprising:  
2 circuitry configured to determine whether said command is to modify an existing  
3 message in said one of said plurality of protocols;  
4 circuitry configured to remove said existing message from said one of said plurality  
5 of protocols; and  
6 circuitry configured to add a new message to said one of said plurality of protocols  
7 including said existing message with modifications in said command.

1 28. (Original) The apparatus of claim 22 further comprising:  
2 circuitry configured to determine whether said command is to modify a state  
3 machine of said protocol; and  
4 circuitry configured to modify said state machine of said one of said plurality of  
5 protocols responsive to said command.